



PN01-0371-1-3

Trumpf N-1000-1 Pneumatic Nibbler

Problem

The Waste Experimental Reduction Facility decommissioning project needed a better method to cut stainless steel ducts in a radiological environment.

Baseline Technology

Gas cutting torch with fire safety controls.

Innovative Technology

The commercially available Trumpf N-1000-1 Pneumatic Nibbler is a mechanical hand tool capable of cutting steel up to 10 millimeters (0.45 in.) thick.

Comparison

The nibbler is faster and easier to use than a cutting torch and does not present a fire hazard.

Benefits

The nibbler allowed the project to accelerate schedule and reduce costs by eliminating work controls associated with fire safety.

WASTE MANAGEMENT PROGRAM

Project: ID-WM-101
INEEL Low-Level Waste/Mixed Low-Level Waste/Other Waste Program

